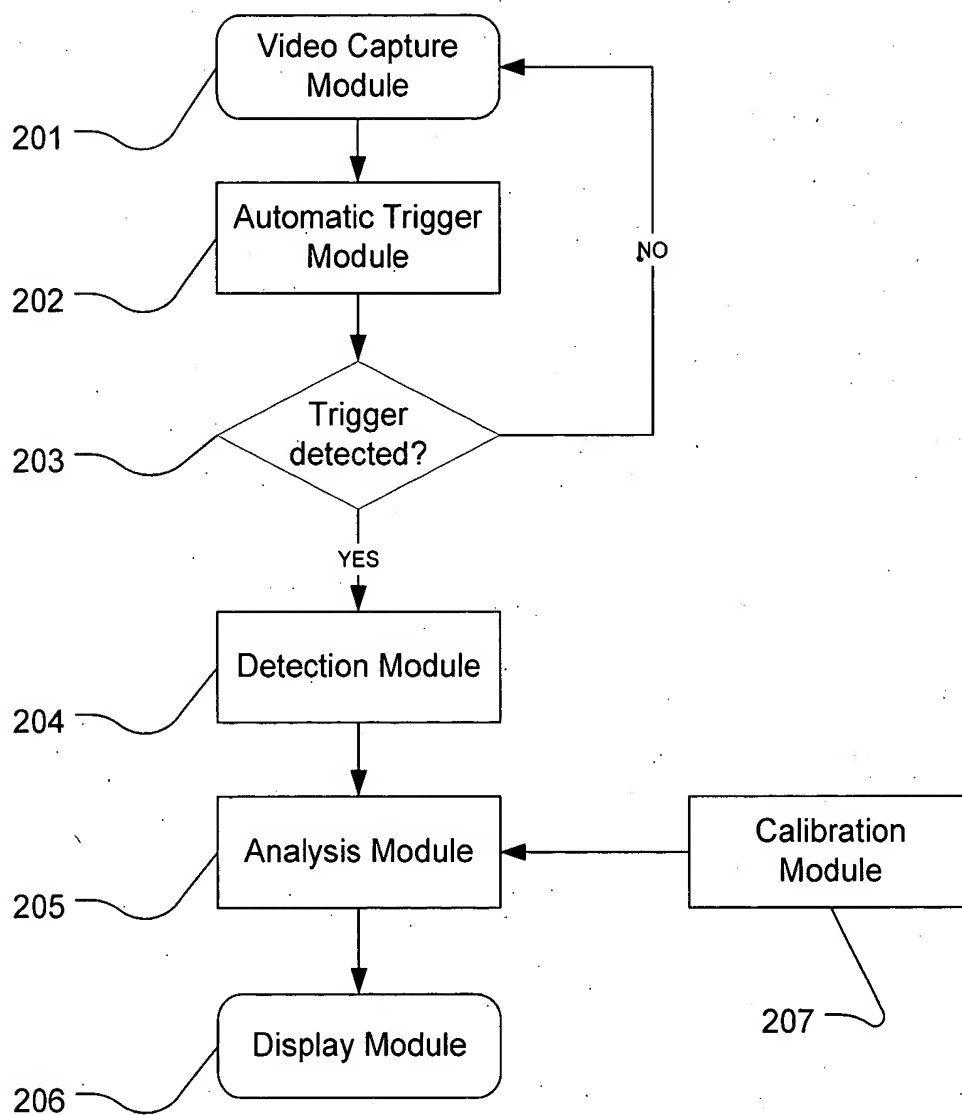


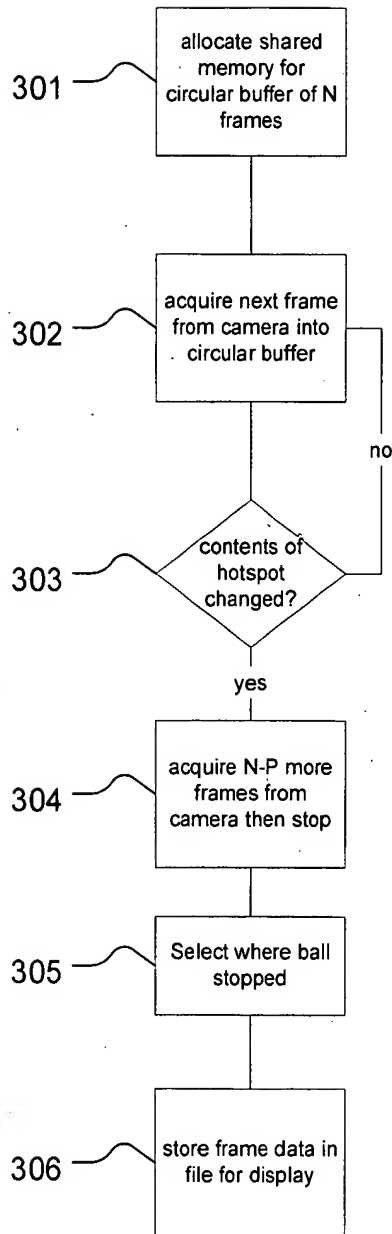
FIG. 1



Functional components

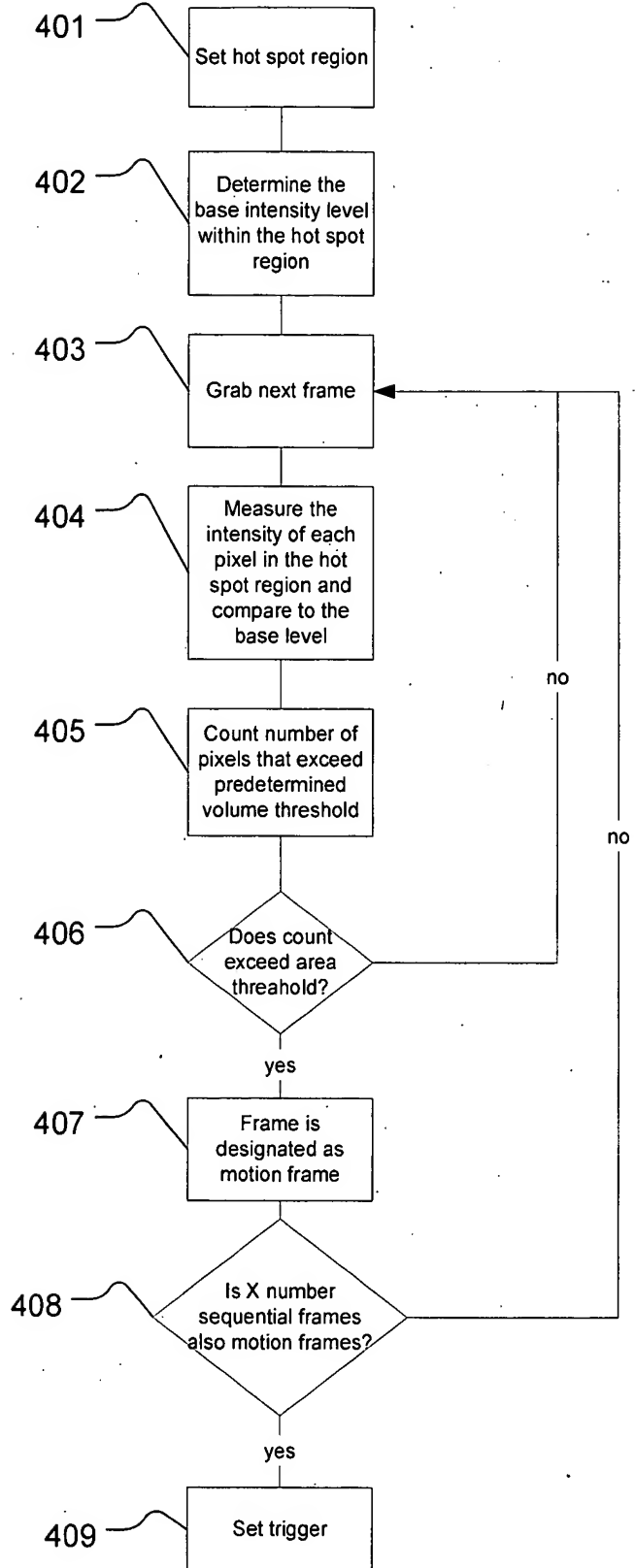
FIG. 2

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Video Capture Process

FIG. 3



Automatic Trigger Process

FIG. 4

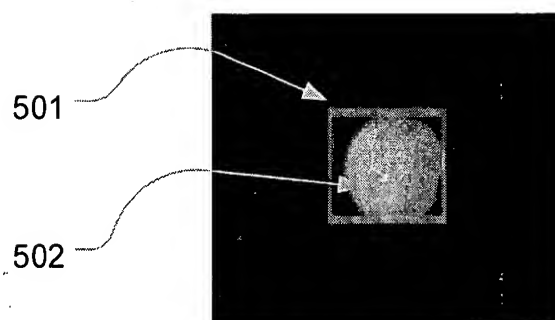


FIG. 5

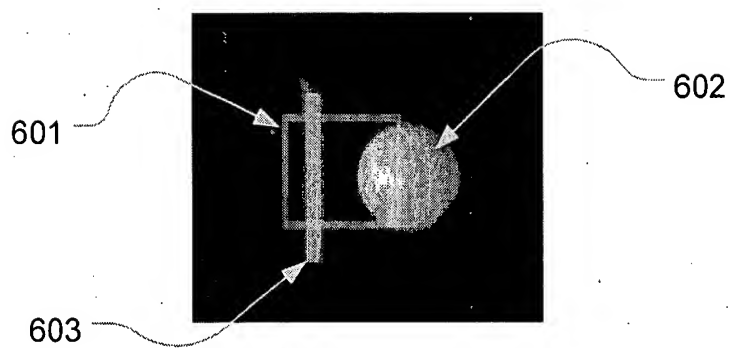
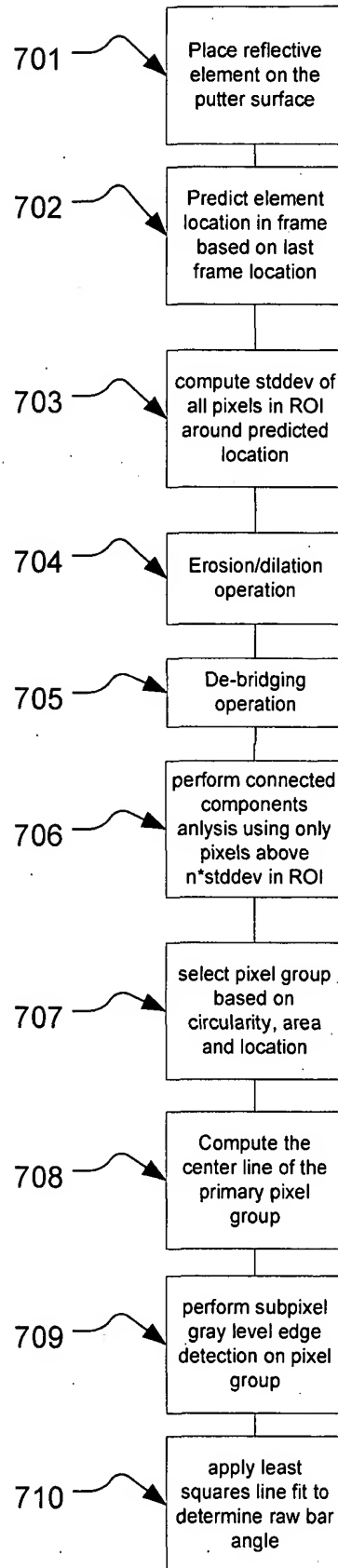


FIG. 6



Detection Process

FIG. 7

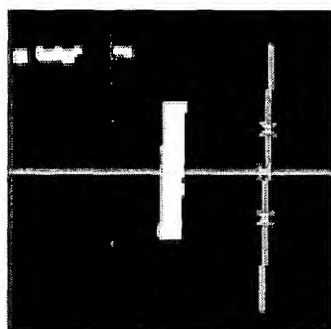


FIG. 8

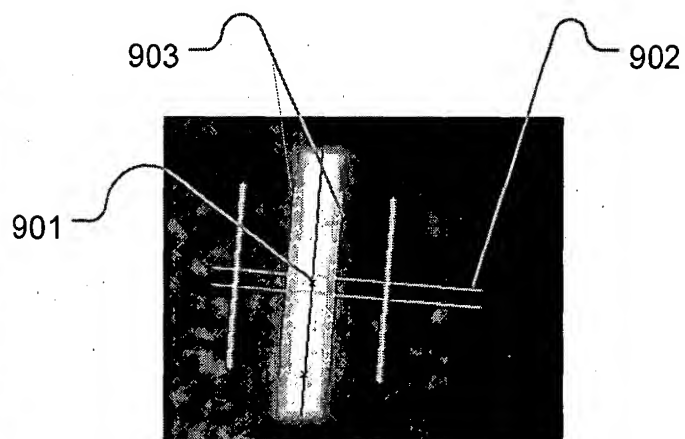


FIG. 9

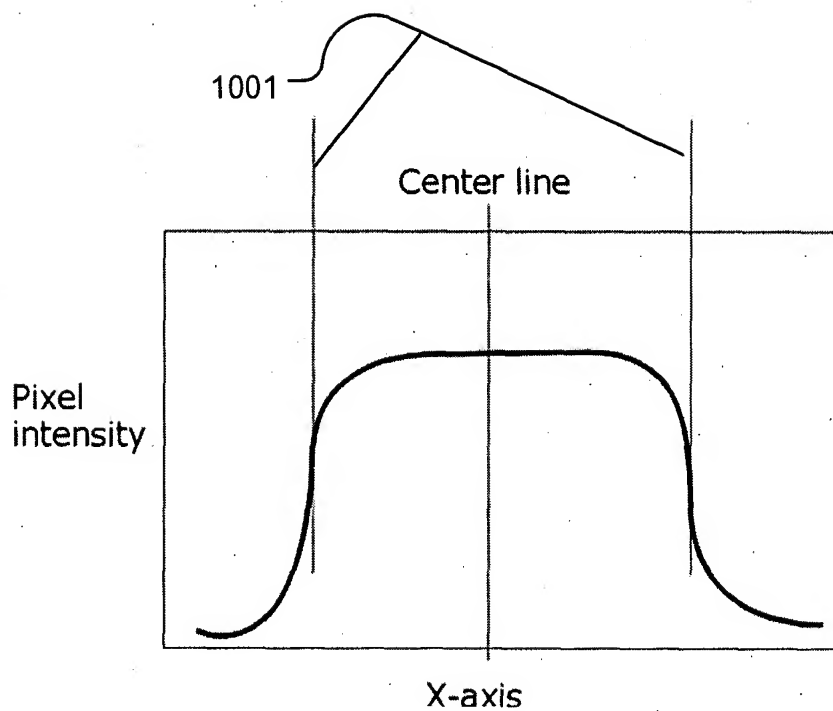
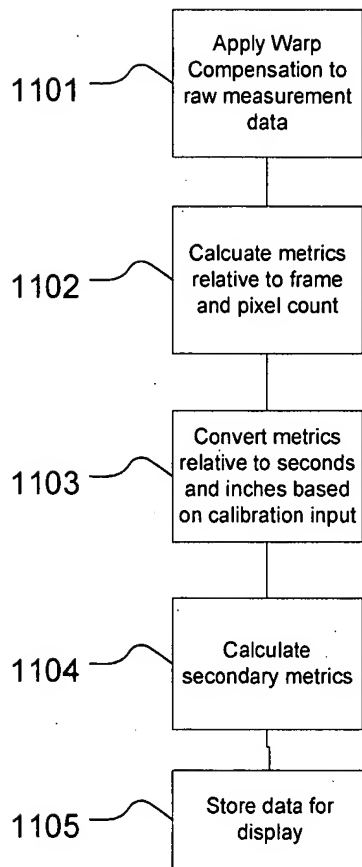
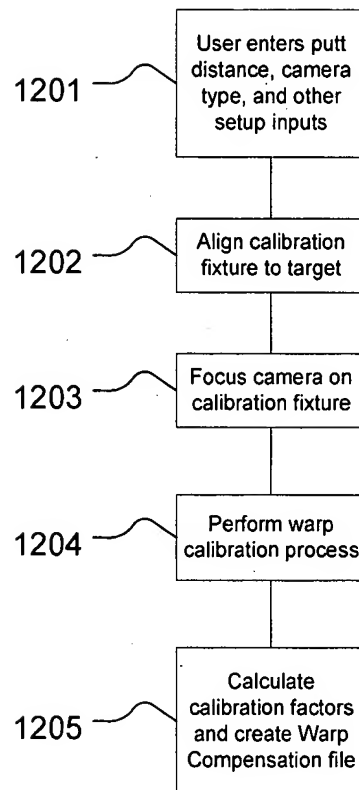


FIG. 10



Analysis Process

FIG. 11



Calibration Process

FIG. 12

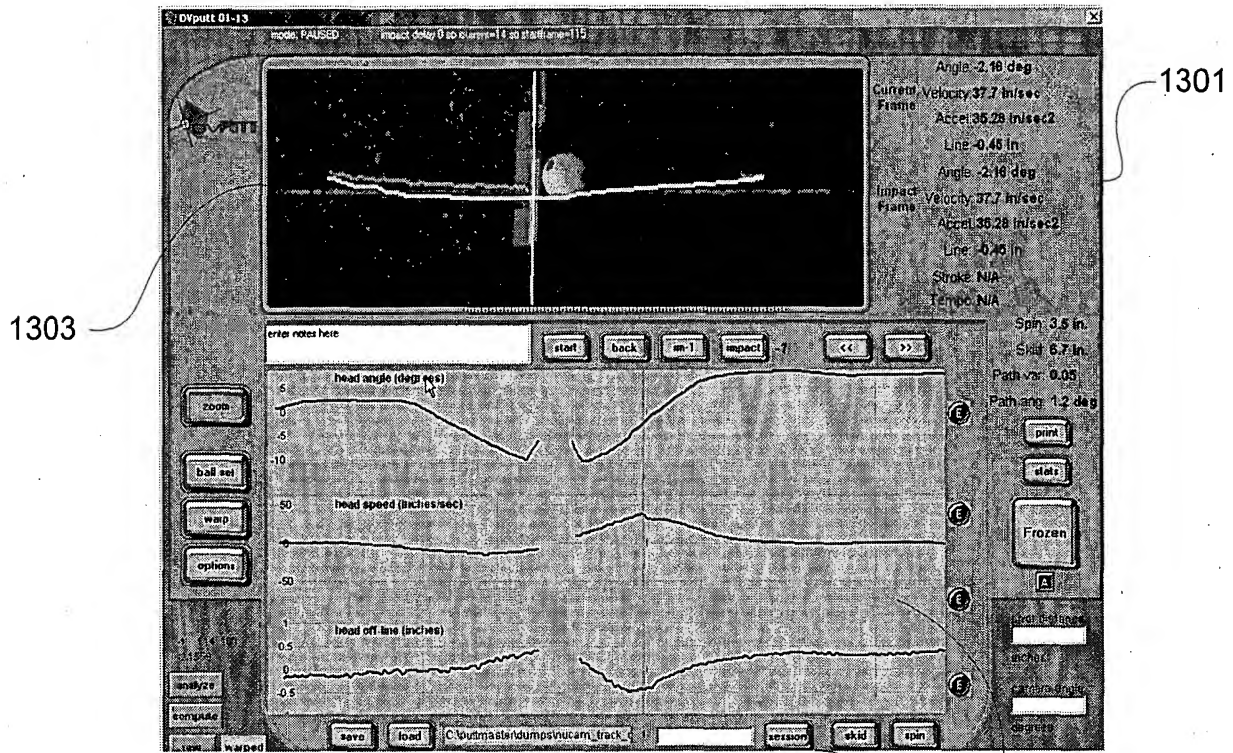


FIG. 13

| | | Impact Data | | | | | | |
|--------------------------|---------|-------------|-----------|------------|-----------|-------------|------------|-----------|
| | | speed | off line | face angle | tempo | back stroke | path var | skid dist |
| Best overall performance | | %holed | Ave VAR | Ave VAR | Ave VAR | Ave VAR | Ave VAR | Ave VAR |
| Session 01 | 20 puts | 30 | 25 2 | 0.6 0.3 | 0.6 0.3 | 2.1 0.3 | 13.5 2.3 | 82 5.3 |
| white hot | | | | | | | | |
| Session 02 | | 20 | 25 2 | 0.6 0.3 | 0.6 0.3 | 2.1 0.3 | 13.5 2.3 | 82 5.3 |
| 20 puts | | | | | | | | |
| 2 ball | | | | | | | | |
| Session 03 | | 90 | 25 2 | 0.6 0.3 | 0.6 0.3 | 2.1 0.3 | 13.5 2.3 | 82 5.3 |
| 20 puts | | | | | | | | |
| belly | | | | | | | | |

FIG. 14

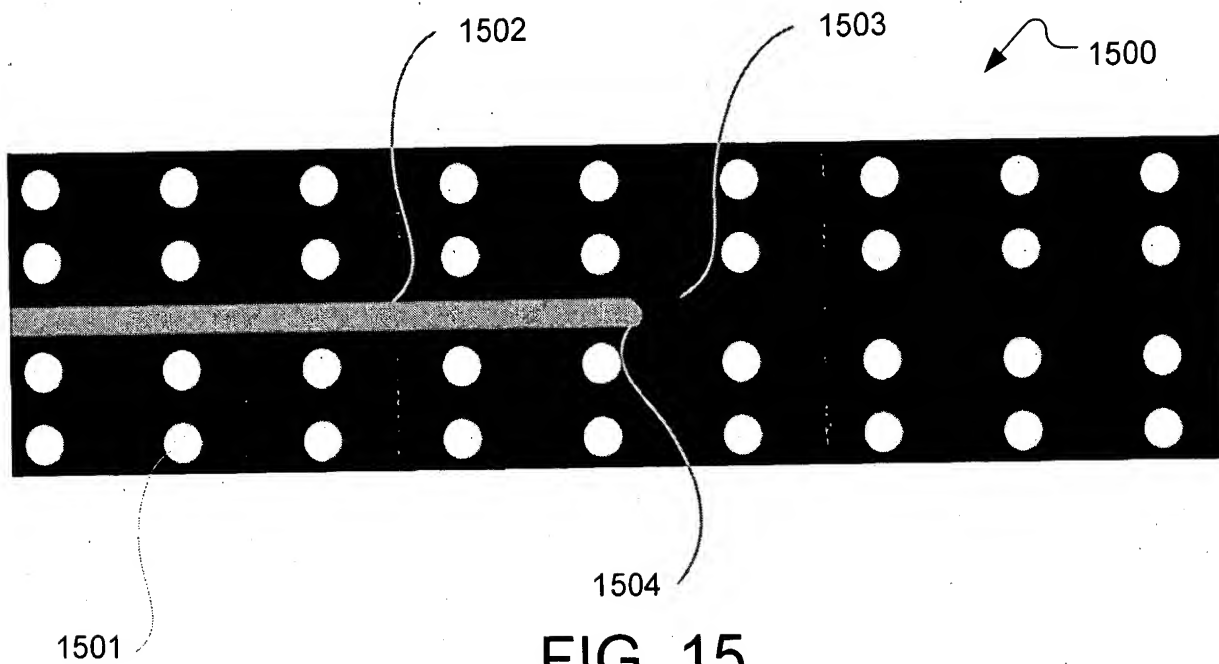


FIG. 15

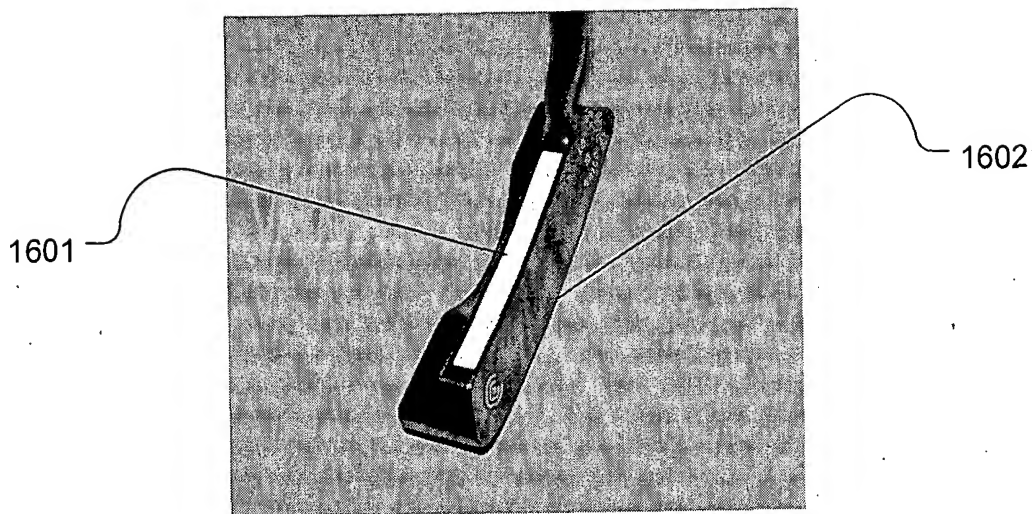


FIG. 16